

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Makoto SHIOMI; Kazunari TOMIZAWA; Koichi MIYACHI;  
and Tomoo FURUKAWA

Application No: **NEW APPLICATION**

Filed: March 19, 2004

For: DRIVING METHOD OF LIQUID CRYSTAL DISPLAY  
APPARATUS,  
DRIVING APPARATUS OF LIQUID CRYSTAL DISPLAY  
APPARATUS, AND PROGRAM THEREOF

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INFORMATION DISCLOSURE STATEMENT  
(SUBMISSION CONCURRENT WITH THE  
FILING OF A NEW PATENT APPLICATION)

**MAIL STOP NEW APPLICATION**  
COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
Alexandria, Virginia 22313-1450

March 19, 2004

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications, or other information submitted for consideration by the Office are listed on PTO-1449, attached hereto.

II. COPIES

☒ Submitted herewith is a legible copy of (i) each foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.

☐ This application is a National Phase of a PCT application. Some or all of the documents listed on the PTO-1449 are not enclosed because they were cited in the

International Search Report and copies should be forwarded from the International Search Authority. If copies are needed, please contact the undersigned.

- ☐ Because the present application is being filed after June 30, 2003, no copies of the U.S. patents or U.S. patent application publications which are listed on the attached Form 1449 are enclosed pursuant to the waiver of 37 C.F.R. § 1.98(a)(2)(i). Any foreign patent documents or non-patent literature listed on the attached Form 1449 are enclosed herewith.

III. CONCISE EXPLANATION OF THE RELEVANCE  
(check at least one box)

- a. ☒ **DOCUMENTS IN THE ENGLISH LANGUAGE**

The attached patents, publications, or other information in the English language do not require a statement of relevancy.

- b. ☒ **DOCUMENTS NOT IN THE ENGLISH LANGUAGE**

A concise explanation of the relevance of all patents, publications, or other information listed that is not in the English language is as follows:

The relevancy of JP 2650479 can be found in paragraph 0010 on page 5 of the present application; and the relevancy of JP 2002-202511 can be found in paragraph 0005 on page 3 of the present application;

and

JP 2947350 cited on paragraph 0005 on page 3 of the specification, corresponds to U.S. Patent No. 6,661,488 B1 as issued on December 9, 2003.

- c. ☒ **OTHER**

Published U.S. Application No. 2002/0075436 corresponds to the related Application Serial No. 983,665 (a copy of which is submitted herewith under a separate letter of copending application).

FEES

This Information Disclosure Statement is being filed concurrently with the filing of a new patent application; therefore, no fee is required.

New U.S. Application  
Docket No. 12480-000039/US

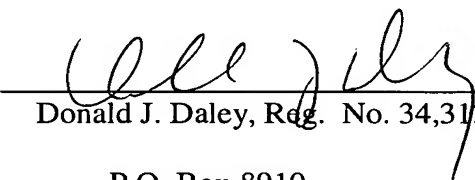
If The Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule and charge the appropriate fee to Deposit Account No. 08-0750.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 08-0750 for any additional fees required under 37 C.F.R. § 1.16 or under § 1.17; particularly, extension of time fees.

Respectfully submitted,

HARNESS, DICKEY & PIERCE, P.L.C

By:

  
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DJD/bof

Enclosures: ☒ Form PTO-1449(s)  
☒ Documents  
☐ Fee

Form PTO-1449  <div style="text-align: center;"> <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> </div> <div style="text-align: center;">         (Use several sheets if necessary)       </div>			ATTY DOCKET NO. 12480-000039/US		APPLICATION NO. NEW	
			APPLICANT(S) Makoto SHIOMI et al.		CONF. NO. Unknown	
			FILING DATE March 19, 2004		GROUP Unknown	
<b>U.S. PATENT DOCUMENTS</b>						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	US 2002/0075436 A1	06/20/2002	Masumi KUBO et al.			
	US 6,661,488 B1	12/09/2003	Arihiro TAKEDA et al.			
<b>FOREIGN PATENT DOCUMENTS</b>						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES      NO
	JP 2002-202511	07/19/2002	JAPAN			X
	JP 2650479	05/16/1997	JAPAN			X
<b>OTHER DOCUMENTS</b> (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.						
EXAMINER			DATE CONSIDERED			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						

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